

PROJECT DESCRIPTION

I. GENERAL

THIS PROJECT INVOLVES THE MODIFICATION TO THE EXISTING TRAFFIC CONTROL SIGNAL AT THE INTERSECTION OF MD 108 (MAIN ST.) & MD 124 (WOODFIELD RD.) IN MONTGOMERY COUNTY.

MD 108 RUNS IN AN EAST-WEST DIRECTION.

II. INTERSECTION OPERATION

THIS INTERSECTION SHALL OPERATE IN A SEMI-TRAFFIC-ACTUATED, FIVE-PHASE OPERATION. AN EXCLUSIVE/PERMISSIVE LEFT-TURN SHALL BE ADDED TO NB MD 124 AND A RIGHT-TURN OVERLAP FOR EB MD 108.

PLEASE NOTE THAT THE INTERSECTION WILL HAVE PROVISIONS FOR STREET LIGHTING LUMINATION VIA THE POWER COMPANY.

III. SPECIAL NOTE

ALL INTERNAL WIRING TO THE CONTROLLER WILL BE PERFORMED BY MONTGOMERY COUNTY FORCES. MR. E. WOLANIN SHOULD BE NOTIFIED AT (301) 217-2208 SEVENTY-TWO (72) HOURS IN ADVANCE OF THE WORK.

EQUIPMENT LISTS

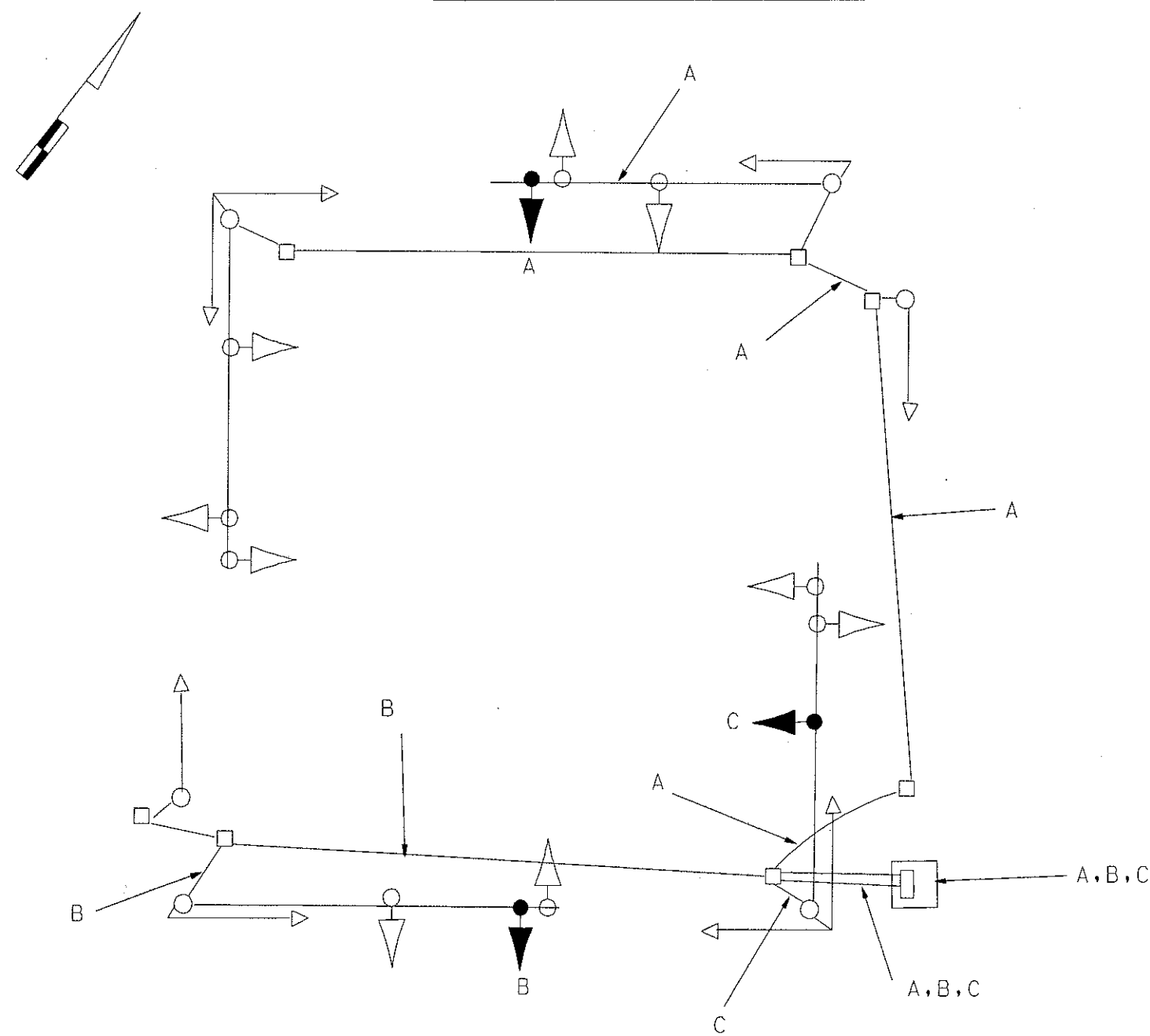
A. EQUIPMENT TO BE SUPPLIED BY THE ADMINISTRATION.

ITEM NO.	QUANTITY	DESCRIPTION
9000	2 EACH	(MAST ARM MOUNT) 12" ONE-WAY, FIVE-SECTION (12" R,Y,G,YA,GA) ADJUSTABLE TRAFFIC SIGNAL HEAD
9000	1 EACH	(MAST ARM MOUNT) 8"/12" COMBINATION, ONE-WAY, FIVE-SECTION (8"R,Y,G,12"GA, YA) ADJUSTABLE TRAFFIC SIGNAL HEAD
9000	10.5 S.F.	OVERHEAD MOUNTED SIGNS
	1 EACH	R10-12 (36" X 42") SIGN, "LEFT TURN YIELD ON GREEN BALL" - MAST ARM MOUNTED HARDWARE
9000	1 EACH	(CON/CAB/ADD) NEMA LOAD SWITCH

B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY THE CONTRACTOR.

ITEM NO.	QUANTITY	DESCRIPTION
1001	1 EACH	MAINTENANCE OF TRAFFIC
8011	3 EACH	INSTALL SIGNAL HEAD (ANY TYPE)
8048	570 LF	F/I ELECTRICAL CABLE 7-CONDUCTOR NO. 14 AWG - IMSA 19-1
8057	10.5 SF	INSTALL OVERHEAD MOUNTED SIGN
8064	1 EACH	REMOVE AND DISPOSE OF EXISTING MATERIAL AND EQUIPMENT

WIRING DIAGRAM



A,B,C 7-CONDUCTOR ELECTRICAL CABLE (NO. 14 AWG)

NOTE: (EXISTING WIRING TO BE USED FOR JUMPER)

UTILITIES

THE FOLLOWING CONTACT PERSONS FOR DISTRICT #3 ARE AS FOLLOWS:

MR. CHARLIE WATKINS
DISTRICT ENGINEER
PHONE: (301) 513-7311

MR. MAJID SHAKIB
ASSISTANT DISTRICT ENGINEER - TRAFFIC
PHONE: (301) 513-7359

MR. CARTER WILSON
ASSISTANT DISTRICT ENGINEER - MAINTENANCE
PHONE: (301) 513-7304

MR. SONNY LAUER
ASSISTANT DISTRICT ENGINEER - UTILITY
PHONE: (301) 513-7350

MR. RICHARD L. DAFF., SR.
CHIEF, TRAFFIC OPERATIONS DIVISION
PHONE: (410) 787-7630

THE POWER COMPANY REPRESENTATIVE IS:

MR. THOMAS G. HULL
POTOMAC EDISON COMPANY
P.O. BOX 488
FREDERICK, MARYLAND 21701-0488

PHASE CHART

	1	2	3	4	5	6	7	8	9	10	11	12	13,14	15,16	17,18	19,20
PHASE 2 & 6	G	G	G	G	G	G	R	R	R	R	R	R	WK	DW	WK	DW
PED CLEAR	G	G	G	G	G	G	R	R	R	R	R	R	FL/DW	DW	FL/DW	DW
2 & 6 CHANGE	Y	Y	Y	Y	Y	Y	R	R	R	R	R	R	DW	DW	DW	DW
PHASE 3 & 8	R	R	R	R	R	R	G	G	G	G	G	G	DW	DW	DW	DW
3 & 8 CHANGE	R	R	R	R	R	R	G	G	G	G	G	G	DW	DW	DW	DW
PHASE 4 & 8	R	R	R	R	R	R	G	G	G	G	G	G	DW	DW	DW	DW
4 & 8 CHANGE	R	R	R	R	R	R	G	G	G	G	G	G	DW	DW	DW	DW
PHASE 4 & 8 ALT.	R	R	R	R	R	R	G	G	G	G	G	G	DW	WK	DW	WK
PED CLEAR	R	R	R	R	R	R	G	G	G	G	G	G	DW	FL/DW	DW	FL/DW
4 & 8 ALT. CHANGE	R	R	R	R	R	R	Y	Y	Y	Y	Y	Y	DW	DW	DW	DW
FLASHING OPERATION	FL/Y	FL/Y	FL/Y	FL/Y	FL/Y	FL/Y	FL/R	FL/R	FL/R	FL/R	FL/R	FL/R	DARK	DARK	DARK	DARK

MAINTENANCE OF TRAFFIC

TRAFFIC CONTROL STANDARD NUMBERS SHALL BE REFERENCED FOR THE PROJECT.

MULTILANE UNDIVIDED (EQUAL/LESS THAN 40 MPH)

STANDARD NO. MD 105.00
STANDARD NO. MD 105.01
STANDARD NO. MD 105.02
STANDARD NO. 105.202 (LEFT LANE CLOSURE)
STANDARD NO. 105.204 (RIGHT LANE CLOSURE)
STANDARD NO. 105.206 (CENTER LANE CLOSURE)
STANDARD NO. 105.208 (2 RIGHT LANES CLOSURE)
STANDARD NO. 105.210 (INT. (LEFT LANE, TURN BAY) CLOSURE)
STANDARD NO. 105.212 (SHOULDER WORK)

REVISIONS

REVISIONS	APPROVALS
	ORIGINAL
	ASST. DIVISION CHIEF, TEDD
	NOTED
	ASST. DISTRICT ENGINEER, TRAFFIC
	ON
	CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
	FILE
	DIRECTOR, OFFICE OF TRAFFIC & SAFETY



MD 108 (MAIN ST.) &
MD 124 (WOODFIELD RD.)

TRAFFIC ENGINEERING DESIGN DIVISION

DATE 3/22/88

DRAWN BY: S. RENZI

CHECK BY: S. RENZI

SCALE: 1" = 20'

F.A.P. NO.

S.H.A. NOS.

COUNTY

AW10245M, AW10245M

MONTGOMERY

PLAN

SHEET NO.

1662B GI

SHEET NO.

2 OF 2